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1743

SMX 3104 (2000-108)
PATENT

#4
CA
6/3/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Dales, et al.

Serial No. 09/772,101

Filed January 26, 2001

Confirmation No. 7959

For Apparatus and Methods for Parallel Processing of Multiple
Reaction Mixtures

April 6, 2001

RECEIVED

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS,

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INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and
in compliance with the duty of disclosure set forth in 37 C.F.R.
1.56, applicants submit copies of the references listed on the
attached PTO/SB/08A for consideration by the Patent and Trademark
Office in the above-entitled application and to be made of record
therein.

Respectfully submitted,

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PTO/SB/08A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Attorney Docket No. SMX 3104 (2000-108)

Complete if Known

Application Number 09/772,101

Filing Date January 26, 2001

First Named Inventor Dales, et al.

Group Art Unit 1743

Examiner Name

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	2,991,161		Gasche	07/04/1961
	2	2,996,363		Ruyak	08/15/1961
	3	4,195,131		Papas	03/25/1980
	4	4,325,914		Ruyak	04/20/1982
	5	4,598,049		Zelinka, et al	07/01/1986
	6	4,640,023		Mori, et al	02/03/1987
	7	4,671,941		Niina, et al	06/09/1987
	8	4,746,490		Saneii	05/24/1988
	9	4,748,002		Neimark, et al	05/31/1988
	10	4,865,986		Coy, et al	09/12/1989
	11	5,252,296		Zuckermann, et al	10/12/1993
	12	5,380,495		Chang, et al	01/10/1995
	13	5,395,594		Nokihara, et al	03/07/1995
	14	5,443,791		Cathcart, et al	08/22/1995
	15	5,499,193		Sugawara, et al	03/12/1996
	16	5,503,805		Sugarman, et al	04/02/1996

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	09/772,101
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				First Named Inventor	Dales, et al.
				Group Art Unit	1743
				Examiner Name	
Sheet	2	of	4	Attorney Docket No.	SMX 3104 (2000-108)

	17	5,538,694		Delius	07/23/1996
	18	5,324,483	B1	Cody, et al	09/24/1996
	19	5,593,642		DeWitt, et al	01/14/1997
	20	5,602,756		Atwood, et al	02/11/1997
	21	5,609,826		Cargill, et al	03/11/1997
	22	5,714,127		DeWitt, et al	02/03/1998
	23	5,716,584		Baker, et al	02/10/1998
	24	5,746,982		Saneii, et al	05/05/1998
	25	5,762,881		Harness, et al	06/09/1998
	26	5,841,959		Guiremand	11/24/1998
	27	5,866,342		Antonenko, et al	02/02/1999
	28	5,888,830		Mohan, et al	03/30/1999
	29	5,961,925		Ruediger, et al	10/05/1999
	30	5,985,356		Schultz, et al	11/16/1999
	31	6,030,917		Weinberg, et al	02/29/2000
	32	6,086,831		Harness, et al	07/11/2000
	33	6,132,686		Gallup, et al	10/17/2000

FOREIGN PATENT DOCUMENTS

		Foreign Patent Document			
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Examiner Initials*	Cite No. ¹	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
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PTO/SF 08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Compleat if Known			
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		Filing Date	January 26, 2001		
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		Group Art Unit	1743		
Examiner Name					
Sheet	3	of	4	Attorney Docket No.	SMX 3104 (2000-108)

		Office	Number ⁴	Kind Code ² (if known)			
	34	EP	0 529 504	A2	Shimadzu Corporation	03/03/1993	
	35	WO	96/14930		WIPO	05/23/1996	
	36	WO	97/09353		WIPO	03/13/1997	
	37	WO	98/13137		WIPO	04/02/1998	
	38	WO	98/57740		WIPO	12/23/1998	
	39	WO	99/30817		WIPO	06/24/1999	
	40	EP	0 963 791	A2	Mettler-Toledo GmbH	12/15/1999	
	41	WO	00/09255		WIPO	02/24/2000	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	42	"Heated Reacto - Stations," Estem Corporation, October 1997	
	43	"Microreactor Technology: Focusing the German Activities in this Novel and Promising Field of Chemical Process Engineering," J.P. Baselt, A. Forster, J. Herrmann, and D. Tiebes, pp. 13-17, 1997	
	44	World Wide Web calbay.com March 31, 1998 "Viscoliner" information	
	45	World Wide Web argotech.com/quest May 18, 1998 "NAUTILUS 2400" information	
	46	World Wide Web argotech.com/quest May 18, 1998 "QUEST 210" information	
	47	World Wide Web tecan.ch July 14, 1998 "CAVRO RSP 9000 Robotic Sample Processor" information	

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		Examiner Name		
Sheet	4	4	Attorney Docket No.	SMX 3104 (2000-108)

	48	World Wide Web thermometric.com/calorimetry July 27, 1998 "Calorimetry" information	
	49	World Wide Web mettler.com August 10, 1998 "Automatic Laboratory Reactors, Reaction Calorimeters and On-line Analysis" information	
	50	World Wide Web calscorp.com/about_csc February 8, 1999 "About Calorimetry Sciences Corp." information	
	51	MultiReactor™ - Reactor Block, sales literature, RoboSynthon, Inc., 6 pages	
	52	Reaction Blocks, price list and sales literature, J-KEM ® Scientific, Inc., 2 pages	

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